



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Simon Foote, et al.

Examiner: A. K. Chakrabarti

Serial No.: 09/424,629

Art Unit: 1634

Filed: March 13, 2000

Docket: 13203

For: NUCLEIC ACID DIAGNOSTICS
BASED ON MASS SPECTROMETRY
OR MASS SEPARATION AND BASE
SPECIFIC CLEAVAGE

Dated: April 20, 2004

Commissioner for Patents
Alexandria, VA 22313-1450

SUPPLEMENTAL DISCLOSURE STATEMENT

Sir:

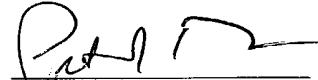
In accordance with 37 C.F.R. §§1.97 and 1.98, it is requested that the following references, which are also listed on the attached PTO-1449, be made of record in the above-identified case.

1. Hahner, S., et al. (1997), "Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry (MALDI) of endonucleic acids digests of RNA", Nucleic Acids Research, 25(10): 1957-1964;

CERTIFICATE OF MAILING UNDER C.F.R. §1.8(a)

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Dated: April 20, 2004


Peter I. Bernstein

2. Liu, Yan-Hui, et al (1995) "Rapid Screening of Genetic Polymorphisms Using Buccal Cell DNA with Detection by Matrix-assisted Laser Desorption/Ionization Mass Spectrometry", Rapid Communications in Mass Spectrometry, 9:735-743;
3. Taranenko, N. I., et al. (1996) "Laser desorption mass spectrometry for point mutation detection", Genetic Analysis: Biomolecular Engineering, 13: 87-94;
4. Nordhoff, E., et al. (1996) "Mass Spectrometry Of Nucleic Acids", Mass Spectrometry Reviews, 15(2): 67-138;
5. Talbo, G., et al. (1996) "Aspects of the Sequencing of Carbohydrates and Oligonucleotides by Matrix-assisted Laser Desorption/Ionization Post-source Decay", Rapid Communications in Mass Spectrometry, 10(1): 100-103;
6. Kaufmann, R., et al. (1996) "Post-source Decay and Delayed Extraction in matrix-assisted Laser Desorption/Ionization-Reflectron Time-of-Flight Mass Spectrometry. Are there Trade-offs?", Rapid Communications in Mass Spectrometry, 10: 1199-1208; and
7. International Patent Application WO 97/03210, published January 30, 1997.

The references were cited in a Search Report dated January 28, 2004 received from the European Patent Office. Applicants are submitting copies of the above-cited references, except Liu et al, together with a copy of the Search Report. A copy of Liu et al. was submitted on October 20, 2000 in the present application, therefore a copy is not enclosed. The relevance of the above-identified references has been described in the Search Report.

Applicants respectfully request that the Examiner acknowledge receipt and review of the above and the references submitted with an Information Disclosure Statement on October 20, 2000 and August 21, 2001, respectively.

Consideration of this Information Disclosure Statement is respectfully requested, since the art provided may be material to the examination of the present application as defined under 37 C.F.R. §1.56.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. §1.97(d), the \$180.00 fee and a statement under §1.97(d)(1) and (e)(1) are enclosed.

Respectfully submitted,



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STATEMENT PURSUANT
TO 37 C.F.R. § 1.97(d)(1) and (e)(1)

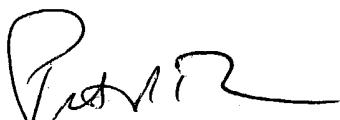
Sir:

I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

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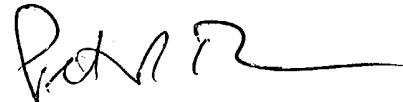
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Accordingly, it is respectfully requested that the accompanying Information Disclosure Statement be considered with respect to the above-identified application.

Respectfully submitted,



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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE		Atty. Docket No. 13203	Serial No. 09/424,629
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		Applicant Simon Foote, et al.	
		Filing Date March 13, 2000	Group 1634

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
1.		WO 97/03210	1/30/97	PCT				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

2.	Hahner, S., et al. (1997), "Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry (MALDI) of endonucleic acids of RNA", <u>Nucleic Acids Research</u> , 25(10): 1957-1964
3.	Liu, Yan-Hui, et al (1995) "Rapid Screening of Genetic Polymorphisms Using Buccal Cell DNA with Detection by Matrix-assisted Laser Desorption/Ionization Mass Spectrometry", <u>Rapid Communications in Mass Spectrometry</u> , 9:735-743
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5.	Nordhoff, E., et al. (1996) "Mass Spectrometry Of Nucleic Acids", <u>Mass Spectrometry Reviews</u> , 15(2): 67-138
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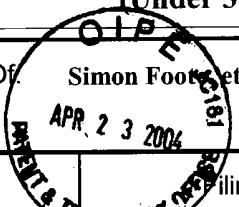
EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
 (Under 37 CFR 1.97(d))

Docket No.
 13203

In Re Application Of **Simon Foot et al.**



Serial No. **09/424,629** Filing Date **March 13, 2000**

Examiner
A. K. Chakrabarti

Group Art Unit
1634

Title: NUCLEIC ACID DIAGNOSTICS BASED ON MASS SPECTROMETRY OR MASS SEPARATION AND BASE SPECIFIC CLEAVAGE

Address to:

Commissioner for Patents

The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(c), and on or before payment of the issue fee, and is accompanied by the Statement as specified in 37 CFR 1.97(e) and the fee set forth in 37 CFR 1.17(p).

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Peter I. Bernstein

Registration No. 43,497

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Peter I. Bernstein

Typing or Printed Name of Person Mailing Certificate

Dated: **April 20, 2004**

cc: **PIB/XZ:ab**

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